# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 30 Jan 2023 until 23:59 on Tuesday 31 Jan 2023

Forecast Issued on Monday 30 Jan 2023 at 00:50

**Confidence:** High, but Medium in cloud details.

**Headline for Monday 30 Jan 2023:** Mainly dry and bright. Cold and windy at height.

**Mountain weather hazards on Monday 30 Jan 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Sunny intervals | Cloudy | Cloudy | Cloudy | Sleet |
| Precipitation probability | | | | | |
| 20% | 20% | 10% | <05% | 00% | 30% |

**Forecast for Monday 30 Jan 2023**

**Weather:** Mainly dry with patchy cloud and clear spells through the early hours. Bright during daylight hours and mainly dry, although scattered light showers possible through the morning. Patchy rain and lowering cloud arriving from the west towards midnight, briefly wintry over the highest summits.

**Chance of cloud-free hill tops above 600m:** 90%, lowering 40% towards midnight.

**Low Cloud and visibility:** Visibility generally very good or excellent, with well broken cloud above summits. Towards midnight becoming moderate to very poor as cloud lowers to around 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Monday 30 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 28/37 W | 20/29 W | 17/23 W | 15/21 W | 15/22 W | 20/29 SW | 24/36 SW |
| **300** | 15/36 W | 13/29 NW | 12/24 W | 11/22 W | 9/20 W | 10/23 SW | 16/33 SW |
| **Valley** | 8/26 W | 7/21 W | 10/21 W | 9/19 W | 6/16 W | 8/20 SW | 13/28 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 1/-7 | 1/-5 | 2/-3 | 2/-3 | 2/-4 | 2/-4 | 2/-4 |
| **300** | 3/-2 | 3/-1 | 5/2 | 5/1 | 4/0 | 4/0 | 4/-1 |
| **Valley** | 4/1 | 4/2 | 7/4 | 7/4 | 5/3 | 5/3 | 6/2 |
| **Freezing Level*** | 600m | 700m | 800m | 800m | 800m | 800m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Nothing further to add.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Mon 30 Jan 2023 | 2.4mm | 6mm | 6.4mm |

**Forecast for Tuesday 31 Jan 2023**

**Weather:** Overnight rain clearing by daybreak, then bright with occasional showers, these becoming more frequent and heavier into the evening, and wintry over the tops. Severe wind chill.

**Maximum wind:** West 35mph gusts 55mph.

**Chance of cloud-free hill tops above 600m:** 80%

**Low Cloud and visibility:** Cloud mainly above the tops, but lowering significantly later in showers. Visibility very good briefly falling moderate in any wintry showers, and later briefly very poor in any heavier wintry showers.

**Temperature:** **Valleys:** Plus 3 to 7 Celsius
**At 600m:** Around Zero Celsius
**Freezing level:** 600 to 800m, although above the summits overnight.

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